

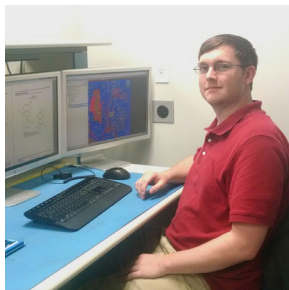
Master of Science in Technology

At Cullowhee

The Master of Science in Technology focuses on enhancing technical knowledge and management skills necessary in our competitive technology-intensive world. This program combines qualitative approaches and quantitative techniques in a balanced curriculum that strengthens problem solving skills and managerial competence. The MST degree program at Cullowhee is designed for full time students and most are employed as Graduate Research Assistants.

SAMPLE CURRICULUM

SEMESTER	ELECTRICAL	MECHANICAL
FALL	Random Processes in Engineering Advanced Power Systems Analysis Introduction to Numerical Analysis	Advanced Thermodynamics Applied Research Methods and Exp. Design Introduction to Numerical Analysis
SPRING	Linear Systems Analysis Directed Project Mathematical Modeling	Advanced Dynamics and Vibrations Directed Project Mathematical Modeling
FALL	Advanced Digital Signal Processing Advanced Digital Communications Thesis	Advanced Fluid Mechanics Automation Systems Thesis
SPRING	Digital Image Processing Machine Learning and Robotics Thesis	Finite Element Analysis Advanced Parametric Modeling and Design Thesis



“I was raised in Sylva and decided to go to Western for a BSEE. During those four years the teachers were very helpful and encouraging, which led me to continue

my education there with the MST. Attending WCU also gave me the opportunity to interview and gain employment with Duotech Services in nearby Franklin, NC. ”

-KEVIN BABECKI



“As an international student, I benefited from the good student-faculty ratio at Western’s MST program and enjoyed abundant opportunities to work with professors

dedicated to research and teaching. It helped me develop my research and instruction skills and prepared me very well for my PhD work at University of Wisconsin Milwaukee. ”

-YUANRUI SANG

FOR MORE INFORMATION

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